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RISK ASSESSMENT OF WORK ACCIDENTS DURING THE INSTALLATION AND MAINTENANCE OF TELECOMMUNICATION NETWORKS

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Abstract

Work accidents are a major issue in occupational safety and health. Employees of companies that offer telecommunications services are exposed to work accidents, especially during installation and operation of radio networks, operations that involve, in most cases, working at height (e.g. telecom towers or pylons). The exploiting of risk assessment tools by the ones involved in this business could cut both human and financial losses caused by workplace hazards. Starting from this premise and using a knowledge-based application, this paper presents a risks assessment tool for work accidents that has as main features the probability and the severity of consequences in hazards that can come about in the telecommunications industry.

Key words: knowledge application, knowledge base, telecommunication network, work accident, workplace risk assessment

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